GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:672
ANSWERED ON:20.07.2016
Metro Rail Projects
Kambhampati Dr. Hari Babu;Mohammed Shri Faizal P.P.;Senguttuvan Shri Balasubramaniam;Somaiya Dr. Kirit;Thomas Prof. Kuruppassery Varkey;Venugopal Dr. Ponnusamy

Will the Minister of URBAN DEVELOPMENT be pleased to state:

Will the MINISTER OF URBAN DEVELOPMENT be pleased to state:
(a) the details of metro rail proposals received by the Government during the last three years and the current year, stretch and State/ UT-wise along with the estimated cost of each stretch;

(b) the details of proposals cleared and lying pending stretch and State-wise, the reasons for pendency along with the time by which pending proposals are likely to be cleared;

(c) the funds sanctioned, released and utilized during the above period for various projects, stretch and State/UT-wise;

(d) the present status of various under construction and sanctioned metro rail stretches, stretch and city-wise and the time by which these are likely to be completed and operationalized; and

(e) Whether various metro rail projects are going behind schedule and if so, the details thereof, stretch and city-wise and the details of cost escalated as a result thereof along with the steps taken/being taken to complete these projects within a reasonable period of time?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT
(RAO INDERJIT SINGH)

(a)& (b) : The details of metro rail proposals received/ cleared/pending during the last three years and the current year along with the names of stretch and the estimated cost stretch wise, State/UT-wise are given in Annexure-I & IA.

(c): The details of funds sanctioned and released by the Government of India and utilization of funds by Metro Companies during the last three years and current year are given in Annexure-II.

(d): The details of progress of under construction and sanctioned metro rail stretches and the time by which these are likely to be completed are given in Annexure-III.

(e) : Bangalore and Chennai Metro Rail Projects are running behind schedule. The details of these two metro rail projects along with reasons of delay are given in Annexure-IV. The approved project cost of Bangalore Metro Project Phase-1 was revised in July, 2015 from Rs.11,608.92 crore to Rs.13,845.01 crore due to increase in land cost, system work including depot and fluctuations in foreign currency. There is no escalation of project cost of Chennai Metro Rail Project.

Annexure-I
ANNEXURE-I REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO.672 FIXED FOR ANSWER ON 20.07.2016 REGARDING METRO RAIL PROJECTS ASKED BY DR. P. VENUGOPAL, PROF. K.V. THOMAS, DR. KAMBHAMPATI HARIBABU, MOHAMMED FAIZAL, SHRI B. SENGUTTUVAN AND DR. KIRIT SOMAIYA.
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DETAILS OF THE PROPOSALS RECEIVED/SANCTIONED/PENDING AND REASONS FOR PENDENCY DURING THE LAST THREE YEARS AND CURRENT YEAR WITH ESTIMATED COST OF PROJECTS
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State/UT from which Proposal received Project Stretch of the Project Estimated/ Approved Cost
(Rs in crore) Sanctioned/ not-sanctioned Reason for Pendency & time by which the proposals are likely to be cleared
Maharashtra Mumbai Metro Line 3 The information is attached at annexure IA. 23,136.00 Sanctioned

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Karnataka Bangalore Metro Rail Project Phase-2 26,405.14 Sanctioned
Rajasthan Jaipur Metro Rail Project Phase-1 3,149.00 Sanctioned
Gujarat Ahmadabad Metro Rail Project Phase-1 10,773.00 Sanctioned
Maharashtra Nagpur Metro Rail Project 8,680.00 Sanctioned
Uttar Pradesh Lucknow Metro Phase 1A 6,928.00 Sanctioned

Tamil Nadu Extension of Chennai Metro 3,770.00* Sanctioned
Andhra Pradesh Vijayawada Metro Project 6,823.00* Not yet Sanctioned#

Sanction of Metro Rail projects is an ongoing process which requires extensive consultations with all stakeholders. No time limit can be specified for sanction of Metro Rail projects. Therefore, there is no pendency.

Andhra Pradesh Vishakhapatnam Metro Project 12,773.00* Not yet Sanctioned
Uttar Pradesh Metro Extension from Noida City Centre to Sector 62 Noida 1,807.00* Not yet Sanctioned
Uttar Pradesh Kalindi Kunj to Botanical Garden, Noida 845.00* Not yet Sanctioned
Uttar Pradesh Metro Connection between Noida and Greater Noida 5,533.00* Not yet Sanctioned
NCT of Delhi Extension of Najafgargh-Dhansa 569.00* Not yet Sanctioned
Maharashtra Pune Metro Rail Project Phase-I 11,802.00* Not yet Sanctioned#
Kerala Kochi Metro Project Phase-IB 1682.00* Not yet Sanctioned
Chandigarh, Haryana, Punjab. Metro Rail Project in Greater Chandigarh Region 13,909.00* Not yet Sanctioned
Kerala Light Metro Rail Project − Thiruvananthapuram 4354.00* Not yet Sanctioned
Kerala Light Metro Rail Project − Kozhikode 2590.00* Not yet Sanctioned

State/UT from which Proposal received Project Stretch of the Project Estimated/ Approved Cost
(Rs in crore) Sanctioned/ not-sanctioned Reason for Pendency & time by which the proposals are likely to be cleared
Madhya Pradesh Indore Metro Project The information is attached at annexure IA. 7,523.00* Not yet Sanctioned
Bhopal Metro Project 6963.00* Not yet sanctioned
Bihar Patna Metro Project 16,960.00* Not yet Sanctioned

Uttar Pradesh
Kanpur Metro Project 17,092.00* Not yet Sanctioned
Varanasi Metro Project 14,688.00* Not yet Sanctioned
Assam Guwahati Metro Project 18,020.00* Not yet Sanctioned
Uttar Pradesh Extension of Delhi Metro from Dilshad Garden to Ghaziabad (New Bus Adda) 1,770.00* Not yet Sanctioned Revised DPR^ not submitted by the State Government.
NCT of Delhi Extension of Metro from Badli to Siraspur 215.00* Not yet Sanctioned Approval of GNCTD** has not been received.
Maharashtra Mumbai Metro line 2A (State Govt. Project) 5,925.00 - The State Government has only sought sovereign loan assistance. MoUD has recommended to Department of Economic Affairs, Ministry of Finance for consideration of the same.
Maharashtra Mumbai Metro line 7 (State Govt. Project) 5,877.00 -
NCT of Delhi Delhi Metro Phase −IV 55,208.00 Not yet sanctioned GNCTD** has given "in principle" approval and forwarded the DPR to the Ministry.
Kerala Kochi Metro Phase-1 Extension 420.00* - Proposal has been returned to the State Government of Kerala to take up the project with their own funding in terms of earlier Memorandum of Understanding.
*Estimated cost; # accorded in-principle approval without any financial commitment from Government of India; **Government of National Capital Territory of Delhi; ^Detailed Project Report
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Annexure- IA

ANNEXURE-IA REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA STARRED QUESTION NO.672 FIXED FOR ANSWER ON 20.07.2016 REGARDING METRO RAIL PROJECTS ASKED BY DR. P. VENUGOPAL, PROF. K.V. THOMAS, DR. KAMBHAMPATI HARIBABU, MOHAMMED FAIZAL, SHRI B. SENGUTTUVAN AND DR. KIRIT SOMAIYA.
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STRETCHES OF THE METRO PROJECTS
Mumbai Metro Line 3
Mumbai Metro Line 2A
Mumbai Metro Line 7 Colaba − Bandra-SEEPZ
Dahisar(E)- D.N. Nagar
Andheri (E)- Dahisar(E)
Bangalore Metro Rail Project Phase 2 a. Eastern Extension of E-W line: Mysore Road Terminal − Kengeri.
b. Eastern Extension of E- W line : Baiyappanahalli to ITPL − Whitefield
c. Northern Extension of N-S Line: Hesaraghatta Cross − BIEC
d. Southern Extension of N-S line : Puttenahalli Cross - Anjanapura Township (up to NICE Road)
e. New Line : N-S : IIMB - Nagawara
f. New Line − E-W : R.V. Road - Bommasandra
Jaipur Metro Rail Project Phase-1(State owned project) Mansarovar - Badi Chaupar
Ahmadabad Metro Rail Project Phase-I (i) North South Corridor : APMC − Motera Stadium
(ii) East West Corridor : Thaltej Gam − Vastral Gam
Nagpur Metro Rail Project Line 1 (North South corridor) : Automotive Square − MIHAN
Line 2 (East West corridor) : Prajapati Nagar − Lokmanya Nagar
Lucknow Metro Phase 1A CCS Airport-Munsi Pulia
Extension of Chennai Metro Washermenpet − Wimco Nagar
*Pune Metro Rail Project Phase-I Corridor-1 : PCMC - Swargate

Corridor-2 :Venaz - Ramwadi
*Extension of Delhi Metro from Dilshad Garden to Ghaziabad (New Bus Adda) Dilshad Garden - Ghaziabad New Bus Adda
*Metro Extension from Noida City Centre to Sector 62 Noida Noida City Centre - Noida Sector 62
*Kalindi Kunj to Botanical Garden Kalindi Kunj - Botanical Garden, Noida
*Extension of Najafgarh − Dhansa Najafgarh − Dhansa
*Extension of Metro from Badli to Siraspur Badli − Siraspur
*Metro connection between Noida and Greater Noida Noida City Centre - Greater Noida
*Delhi Metro Rail Project
Phase-IV (i) Aerocity - Tughlakabad Corridor
(ii) Lajpat Nagar - Saket, G Block Corridor
(iii) Inderlok - Indraprastha Corridor
(iv) Janakpuri West - R.K. Ashram Corridor
(v) Mukundpur - Maujpur
(vi) Rithala − Bawana − Narela
**Kochi Metro Phase-1 Extension Petta - SN Junction
*Vijayawada Metro Project (i) Pandit Nehru Bus Terminal - Penamaluru
(ii) Pandit Nehru Bus Terminal − Nidamanuru
*Vishakhapatnam Metro Project (i) Gajuwaka Junction- Kommadi Junction
(ii) Gurudwara −Old Post Office
(iii) Tadichetlapalem-junction − East Point
*Kerala Light Metro Rail Project − Thiruvananthapuram Technocity Station − Karamana Station

*Kerala Light Metro Rail Project − Kozhikode Medical College − Meenchanda
*Kochi Metro Rail Project(Phase-IB) Jawaharlal Nehru Stadium I Info Park via Kakkanad
*Great Chandigarh Region Metro Rail Project (i) Capital to Gurudwara Singh Shaheeda
(ii) Transport Terminus to Grain Market
*Bhopal Metro Project (i) Corridor-1: Karond Square to AIIMS
(ii) Corridor-2: Bhadbhada Square to Ratnagiri Tiraha
*Indore Metro Project Bengali Square via Palasia, Bhawarsala, Gandhi Nagar, Vijay Nagar, Radison, Khajrana to Bengali Square (Ring type)
*Patna Metro Project (i) East-West Corridor: Danapur − Mithapur via Patna Railway Station.
(ii) North-South Corridor: Patna Railway Station − New ISBT via Gandhi Maidan, PMC, Rajendra Nagar Railway Station.
*Kanpur Metro Project (i) Corridor-1: IIT Kanpur to Naubasta.
(ii) Corridor-2: Agriculture University to Barra-8
*Varanasi Metro Project (i) Corridor-1: BHEL to BHU.
(ii) Corridor-2: Benia Bagh to Sarnath.
*Guwahati Metro Project (i) Danapur to Narengi
(ii) Khanapara to Guwahati Railway Station.
(iii) Guwahati University to Khanapara.
(iv) ISBT to Paltan Bazar
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*Projects under appraisal / approval **Project returned to take up with State Govt. funding.
Annexure-II

ANNEXURE-II REFERRED TO IN REPLY TO PART (c) OF THE LOK SABHA UNSTARRED QUESTION NO.672 FIXED FOR ANSWER ON 20.07.2016 REGARDING METRO RAIL PROJECTS ASKED BY DR. P. VENUGOPAL, PROF. K.V. THOMAS, DR. KAMBHAMPATI HARIBABU, MOHAMMED FAIZAL, SHRI B. SENGUTTUVAN AND DR. KIRIT SOMAIYA.

DETAILS OF FUNDS SANCTIONED AND RELEASED BY GOVERNMENT OF INDIA AND UTILISATION OF FUNDS ON 50:50 JOINT VENTURE BETWEEN GOVERNMENT OF INDIA (GOI) AND THE CONCERNED STATE/ UT GOVERNMENTS
<pre>
(RS. IN CRORE)
STATE/UT PROJECT FUNDS SANCTIONED** DURING THE LAST THREE YEARS
(2013-2016)
FUNDS RELEASED** AND UTILISED DURING THE LAST THREE YEARS
(2013-2016) FUNDS SANCTIONED** IN THE CURRENT YEAR
(2016-17) AMOUNT RELEASED** AND UTILIZED IN THE CURRENT YEAR (up to 30.06.2016)

NCT of Delhi Delhi Metro Phase II & III

10646.93

10636.66

5579.41

5487.46
NCT of Delhi
and Haryana Extension of Delhi Metro to YMCA Chowk, Faridabad

NCT of Delhi
Dwarka to Najafgarh
NCT of Delhi Yamuna Vihar to Shiv Vihar
NCT of Delhi Mundka to Bahadurgarh
Maharashtra Mumbai Metro Line 3
318.07 173.56 500.00 120.30
West Bengal Kolkata East-West Metro Corridor # 10.04 10.00 0.02 0.00
Karnataka Bangalore Metro Rail Project Phase 1 & 2 3986.54 3462.16 667.17 111.19
Kerala Kochi Metro Rail Ltd. 1329.95 1309.95 450.00 72.33
Tamil Nadu
Chennai Metro Phase-1 4903.13 4772.54 957.00 94.66
Rajasthan Jaipur Metro Project Phase-1* 50.30 0.00 0.03 0.00
Gujarat Ahmadabad Metro Rail Project Phase-1 366.29 366.26 660.00 90.00
Maharashtra Nagpur Metro Rail Project
95.93 84.87 603.00 25.49
Uttar Pradesh Lucknow Metro Project
155.92 140.92 410.00 0.00
*State owned Project; ** Includes Equity, Subordinate Debt and Pass Through Assistance; # Project transferred to Ministry of Railways
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Annexure-III

ANNEXURE-III REFERRED TO IN REPLY TO PART (d) OF THE LOK SABHA STARRED QUESTION NO.672 FIXED FOR ANSWER ON 20.07.2016 REGARDING METRO RAIL PROJECTS ASKED BY DR. P. VENUGOPAL, PROF. K.V. THOMAS, DR. KAMBHAMPATI HARIBABU, MOHAMMED FAIZAL, SHRI B. SENGUTTUVAN AND DR. KIRIT SOMAIYA.

DETAILS OF PROGRESS OF UNDER CONSTRUCTION AND SANCTIONED METRO PROJECTS BEING IMPLEMENTED ON 50:50 JOINT VENTURE OF GOVT. OF INDIA AND STATE /UT GOVERNMENT AND LIKELY DATE OF COMPLETION OF METRO PROJECTS.

<pre>
STATE/UT PROJECT APPROVED DATE OF COMPLETION PHYSICAL PROGRESS
(As on 31.05.2016)
NCT of Delhi Delhi Metro Phase II & III December, 2016
(in stretches) 74.2%
NCT of Delhi
and Haryana Extension of Delhi Metro to YMCA Chowk, Faridabad

NCT of Delhi
Dwarka to Najafgarh
NCT of Delhi Yamuna Vihar to Shiv Vihar

NCT of Delhi
Mundka to Bahadurgarh
Maharashtra Mumbai Metro Line 3 December, 2019 Tenders are being awarded.
Karnataka Bangalore Metro Rail Project Phase I & II Phase -1: Nov., 2016.
Phase-2: 5 yrs from date of start of work Phase−I 98%
Phase-II 1.5%
Preliminary work started
Kerala Kochi Metro Rail Ltd. June, 2017 73.6%
Tamil Nadu
Chennai Metro Phase-1 December, 2017 87%
Rajasthan Jaipur Metro Project Phase-1
(State Project) March, 2018 Phase-1A −Commissioned
Phase-1B 17%

Gujarat Ahmadabad Metro Rail Project Phase-1 March, 2018 12.9%

Maharashtra Nagpur Metro Rail Project March, 2018 12.40%
Uttar Pradesh Lucknow Metro Project March, 2019 32.12%

Tamil Nadu Chennai Extension Metro Project March, 2018 Project sanctioned on 15.06.2016.

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Annexure-IV

ANNEXURE-IV REFERRED TO IN REPLY TO PART (e) OF THE LOK SABHA UNSTARRED QUESTION NO.672 FIXED FOR ANSWER ON 20.07.2016 REGARDING METRO RAIL PROJECTS ASKED BY DR. P. VENUGOPAL, PROF. K.V. THOMAS, DR. KAMBHAMPATI HARIBABU, MOHAMMED FAIZAL, SHRI B. SENGUTTUVAN AND DR. KIRIT SOMAIYA.

DETAILS OF ONGOING AND SANCTIONED METRO RAIL PROJECTS BEING IMPLEMENTED ON 50:50 EQUITY SHARING JOINT VENTURE BETWEEN GOVERNMENT OF INDIA (GOI) AND THE CONCERNED STATE/ UT GOVERNMENTS RUNNING BEHIND SCHEDULE.
<pre>
Ongoing Metro Project
(Name of State & Stretch) Original schedule of completion Expected schedule
of completion Reasons for Delay Steps taken to mitigate delay
Bangalore Metro
Phase-I
(Karnataka, East West Corridor - Baiyappanahalli to Mysore Road Junction
and North South Corridor − Nagasandra to Puttenhalli) December, 2013 November,
2016 Delay in getting possession of land, shifting of uncharted utilities and delay in progressing tunneling operations due to difficult strata and in thickly populated area.

(i) Continuous and close monitoring of project activities.

(ii) Regular meeting with Police Depts. for required traffic diversions permissions.

(iii) Monitoring by High Powered Committee of respective State Government.

(iv) Prompt release of funds by stakeholders and advance payment to needy contractors to speed up the work.

Chennai Metro Rail Project
(Tamil Nadu, Corridor I from Washermanpet to Chennai Airport & Corridor II from Chennal Central to St. Thomas Mount. March, 2015
December, 2016 Due to limited availability of work sites and non-performance of some contractor leading to re-tendering.
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